



# Oklahoma Crop Weather

## Oklahoma Field Office

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## More Hail, Thunderstorms, and Tornadoes

Oklahoma received more severe weather last week. Heavy thunderstorms brought hail and sixteen tornadoes were reported, but there were no serious injuries and isolated structural damage. Strong storms began Tuesday evening and lasted through Thursday afternoon. Small to medium sized hail fell in the north and central parts of the State and straight-line winds produced wind gusts up to 60 miles per hour. Thursday morning thunderstorms dumped heavy rain across much of the central and northern parts of the State. Precipitation totals for the week varied across the State, ranging from 2.49 inches in the North Central district to 0.02 inches in the Southwest district. Topsoil moisture conditions continue to improve with sixty six percent being rated adequate while subsoil conditions are rated mostly in the adequate to short range. Due to the severe weather, there were only 3.8 days suitable for field work.

### Soil Moisture Conditions by Percent

Week Ending Sunday, May 23, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	1	2	5	4	5	7
Short	15	15	6	16	15	15
Adequate	66	62	73	71	71	67
Surplus	18	21	16	9	9	11

**Small Grains:** Some wheat fields across the State experienced heavy losses due to the severe weather last week. A number of wheat acres have been disasterered out and other acres that were to be harvested for grain will be cut for hay. **Wheat** heading was virtually complete by week's end. Sixty-seven percent of wheat was in the soft dough stage by week's end, up 26 points from the previous week, but still six points behind normal. **Rye** in the soft dough stage of development reached 76 percent complete by Sunday, up 34 points from the previous week, but 12 points behind the five-year average. **Oats** jointing reached 93 percent complete, still one point behind normal. Oats headed increased 15 points to reach 61 percent complete, while 28 percent of oats were in the soft dough stage of development.

**Row Crops:** Last week's thunderstorms restricted planting of row crops, however, some areas welcomed the rainfall. Eighty-three percent of **corn** had emerged by Sunday, up seven points from the previous week, and only two points behind normal. Seedbed preparation for **sorghum** reached 79 percent complete, a two point increase from the week before, but six points behind normal. **Soybean** seedbed preparation increased by five points during the week to reach 75 percent complete, while soybeans planted reached 38 percent complete. **Peanut** seedbed preparations were virtually complete by week's end, just one point behind normal. Peanuts planted reached 62 percent complete, three points ahead of normal, while peanuts emerged reached 37 percent complete, four points ahead of normal. **Cotton** seedbed preparations were virtually complete by Sunday and continue to be on target with the five-year average. Cotton planted increased eight points, but remains 13 points behind normal.

**Miscellaneous Crops:** **Watermelons** planted reached 85 percent, up 3 points from the previous week, and six points ahead of the five-year average. Watermelons running reached 21 percent complete by Sunday, three points behind the five-year average.

**Hay:** Eighty-two percent of the **alfalfa** hay has received a first cutting by week's end, up nine points from the week prior, and six points ahead of normal. The first cutting of **other hay** increased eight points to 37 percent complete, two points ahead of normal. Alfalfa and other hay continue to be rated mostly in the good to fair range.

**Pasture and Range:** Pasture and range conditions were rated mostly in the good to fair range, with ten percent being rated excellent.

**Livestock:** Livestock conditions rated mostly in the good to fair range. Prices for feeder steers less than 800 pounds averaged \$114 per cwt. Prices for heifers less than 800 pounds averaged \$106 per cwt.

### Conditions by Percent

Week Ending Sunday, May 23, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
<b>Small Grains -</b>					
Wheat	2	6	24	54	14
Rye	4	8	22	52	14
Oats	7	6	35	46	6
<b>Row Crops</b>					
Corn	1	1	11	81	6
<b>Hay</b>					
Alfalfa Hay	1	2	29	57	11
Other Hay	1	6	31	55	7
<b>Livestock, Pasture and Range -</b>					
Livestock	1	5	26	56	12
Pasture and Range	2	6	25	57	10

### Crop Progress by Percent

Week Ending Sunday, May 23, 2010

Crop and Event	This Week	Last Week	Last Year	5 Year Average	Crop and Event	This Week	Last Week	Last Year	5 Year Average
<b>Wheat -</b>					<b>Peanuts-</b>				
Soft Dough	67	41	67	73	Seedbed Prepared	97	93	95	98
<b>Rye-</b>					Planted	62	57	38	59
Soft Dough	76	42	89	88	Emerged	37	N/A	17	33
<b>Oats-</b>					<b>Cotton-</b>				
Jointing	93	90	94	94	Seedbed Prepared	97	93	83	95
Headed	61	46	71	73	Planted	29	21	13	42
Soft Dough	28	10	30	41	<b>Alfalfa -</b>				
<b>Corn-</b>					1st Cutting	82	73	51	76
Emerged	83	76	83	85	<b>Other Hay -</b>				
<b>Sorghum-</b>					1st Cutting	37	29	21	35
Seedbed Prepared	79	77	72	73	<b>Watermelons -</b>				
Planted	44	27	17	32	Planted	85	82	54	79
<b>Soybeans-</b>					Running	21	N/A	7	24
Seedbed Prepared	75	70	66	74					
Planted	38	31	30	38					

**Weather for Week Ending May 23, 2010:** Temperatures ranged from 44 degrees at Boise City on Wednesday, May 19th, to 93 degrees at Beaver on Saturday, May 22nd. Precipitation ranged from 0.02 in the Southwest district to 2.49 inches in the North Central district. Soil temperature averages ranged from 61 degrees at Kenton on Wednesday, May 19th, to 82 degrees at Durant on Sunday, May 23rd.

### Mesonet Temperature and Precipitation Data

Week Ending Sunday, Ending May 23, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2010 to May 23, 2010		
					Total	Departure from Normal	Percent of Normal
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	80	54	66	1.54	5.90	-0.09	99
West Central	81	59	69	0.39	5.62	-3.01	65
Southwest	83	61	72	0.02	5.52	-3.10	64
North Central	76	58	67	2.49	8.18	-0.96	89
Central	79	59	69	1.15	8.37	-2.58	76
South Central	82	63	72	0.62	9.32	-2.14	81
Northeast	76	59	68	1.89	10.33	-1.40	88
East Central	79	60	69	1.48	10.37	-2.42	81
Southeast	82	62	72	2.27	10.23	-3.46	75